

U.S. DEPARTMENT OF LABOR  
Occupational Safety and Health Administration

Form Approved  
OMB No. 44-R1387

# MATERIAL SAFETY DATA SHEET

Required under USDL Safety and Health Regulations for Ship Repairing,  
Shipbuilding, and Shipbreaking (29 CFR 1915, 1916, 1917)

## SECTION I

MANUFACTURER'S NAME WHITMIRE RESEARCH LABORATORIES, INC.		EMERGENCY TELEPHONE NO. 314-225-5371
ADDRESS (Number, Street, City, State, and ZIP Code) 3568 Tree Court Industrial Blvd., St. Louis, MO 63122		
CHEMICAL NAME AND SYNONYMS n/a		TRADE NAME AND SYNONYMS Whitmire PT 565
CHEMICAL FAMILY n/a	FORMULA n/a	

EPA Reg. No. 499-182AA

## SECTION II - HAZARDOUS INGREDIENTS

PAINTS, PRESERVATIVES, & SOLVENTS	%	TLV (Units)	ALLOYS AND METALLIC COATINGS	%	TLV (Units)
PIGMENTS			BASE METAL		
CATALYST			ALLOYS		
VEHICLE			METALLIC COATINGS		
SOLVENTS & Propellants	89.4	318 mg/M <sup>3</sup>	FILLER METAL PLUS COATING OR CORE FLUX		
ADDITIVES			OTHERS		
OTHERS					

  

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (Units)
Pyrethrins		
Technical Piperonyl Patoxide	0.5	5 mg/M <sup>3</sup>
N-octyl Bicyclopentene Dicarboximide	1.0	50 mg/M <sup>3</sup>
Refined Petroleum Oil	1.0	UNKNOWN
	8.1	348 mg/M <sup>3</sup>

## SECTION III - PHYSICAL DATA

BOILING POINT (°F.)	n/a	SPECIFIC GRAVITY (H <sub>2</sub> O=1)	0.91
VAPOR PRESSURE (mm Hg.) in aerosol container	3102 mmHg	PERCENT VOLATILE BY VOLUME (%)	~89.5%
VAPOR DENSITY (AIR=1)	n/a	EVAPORATION RATE (_____ =1)	n/a
SOLUBILITY IN WATER	Negligible		
APPEARANCE AND ODOR			

## SECTION IV - FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (Method used)	FLAMMABLE LIMITS		
NONE (ASTM Designation D-1310=SST; TAC Open Cup)	LeI	UeI	
EXTINGUISHING MEDIA	n/a		
SPECIAL FIRE FIGHTING PROCEDURES			
USUAL FIRE AND EXPLOSION HAZARDS			

SECTION V - HEALTH HAZARD DATA	
THRESHOLD LIMIT VALUE	226 mg/M <sup>3</sup> (approximate sol'n method)
EFFECTS OF OVEREXPOSURE	Contact dermatitis is the most common manifestation of pyrethrum toxicity in man. A few cases of extrinsic asthma due to pyrethrum mixtures have been reported.
EMERGENCY AND FIRST AID PROCEDURES	Treatment is symptomatic. Antihistamines are of value.

SECTION VI - REACTIVITY DATA			
STABILITY	UNSTABLE		CONDITIONS TO AVOID
Indefinite when used according to directions	STABLE	X	Do not spray into open flame or onto very hot surfaces.
INCOMPATIBILITY (Materials to avoid)			
HAZARDOUS DECOMPOSITION PRODUCTS			
Thermal decomposition in open flame may result in halogen acids and carbon dioxide.			
HAZARDOUS POLYMERIZATION	MAY OCCUR		CONDITIONS TO AVOID
	WILL NOT OCCUR	X	

SECTION VII - SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED	
If container begins to leak (through puncture, etc.) allow it to discharge completely in a well-ventilated area, then dispose in a safe place. In case of spillage on skin, wash thoroughly with soap and water.	
WASTE DISPOSAL METHOD	
Aerosol cylinder is not refillable. Do not attempt to recharge. When cylinder is exhausted, discard in safe place. Do not throw into fire.	

SECTION VIII - SPECIAL PROTECTION INFORMATION		
RESPIRATORY PROTECTION (Specify type)		
None required		
VENTILATION	LOCAL EXHAUST	SPECIAL
	None required	None required
	MECHANICAL (General)	OTHER
	None required	None required
PROTECTIVE GLOVES	EYE PROTECTION	
None required	None required	
OTHER PROTECTIVE EQUIPMENT		
None required		

SECTION IX - SPECIAL PRECAUTIONS	
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING	
Contents under pressure. Do not puncture. Do not store near heat or open flame. Do not remain in treated areas. Exposure to temperatures above 130°F may cause bursting. Avoid skin contact.	
OTHER PRECAUTIONS	
Foods or eating utensils should be removed or covered during treatment. Remove pets, birds, and cover fish bowls during treatment. Ventilate area after treatment is completed.	